

### ABSTRACT

A stylet, apparatus and method for inserting a catheter into the dura of a patient. A hole having a predetermined diameter is made in the dura of the patient. An extensible catheter having a predetermined diameter in a relaxed state is stretched. The predetermined diameter in the relaxed state being greater than or equal to the predetermined diameter of the hole. The catheter is stretched a predetermined distance to a stretched state such that the catheter has a diameter in the stretched state that is smaller than the predetermined diameter of the hole. The stretched catheter is secured in the stretched state. The stretched catheter is inserted through the hole into the dura of the patient. The catheter is returned to its relaxed state allowing the catheter to fill the hole.